

TABLE 6. SELECTION OF PROTECTIVE CLOTHING MATERIALS

Hazard	Protective Material
Heat	Treated wool and cotton, leather, aluminized material, Nomex
Splashes of hot metals and hot liquids	Treated wool and cotton, leather, aluminized material, Nomex
Impact from tools, machinery, and materials	Leather, Kevlar, duck
Cuts	Leather, Kevlar
Hazardous chemicals	Chemical resistant clothing, contact manufacturer or ORCBS
Dusts, dirt	Paperlike fiber, duck, plastics
Abrasions, rough services	Leather, duck
Cold	Insulated cotton, insulated synthetic fabrics

Paperlike fiber – Disposable suits made of this material provide protection against dusts.

Nomex – A synthetic fiber which provides high heat resistance

Kevlar – A synthetic fiber which is highly resistant to cuts and punctures.

Treated wool and cotton – Protective clothing made from treated wool and cotton adapts well to changing workplace temperatures and is comfortable as well as fire resistant. Treated cotton and wool clothing protects against dust, abrasions, and rough and irritating surfaces

Duck – Closely woven cotton fabric protects against cuts and bruises while handling heavy, sharp, or rough materials.

Leather- often used for protection against dry heat, flame, cuts, and abrasion.

Rubber, rubberized fabrics, neoprene and plastics – Protective clothing made from these materials protects against certain acids and other chemicals.